

DECLARATION, POWER OF ATTORNEY, AND PETITION

09031617 022798

We, David A. Cathey and Trung T. Doan, declare: that we are citizens of United States of America; that our residences and post office addresses are 3026 Bogus Basin Road, Boise, Idaho 83702-0916 and 1574 Shenandoah Drive, Boise, Idaho 83712-6668, respectively; that we verily believe we are the original, first, and joint inventors of the subject matter of the invention or discovery entitled MOCVD PROCESS USING OZONE AS A REACTANT TO DEPOSIT A METAL OXIDE BARRIER LAYER ON AN IN-PROCESS INTEGRATED CIRCUIT for which a patent is sought and which is described and claimed in the specification attached hereto; that we have reviewed and understand the contents of the above-identified specification, including the claims referred to, and that we acknowledge the duty to disclose information which is material to the examination of this application in accordance with Section 1.56(a) of Title 37 of the Code of Federal Regulations.

We declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon.

We hereby appoint as our attorneys and/or patent agents: H. ROSS WORKMAN, Registration No. 25,230; RICK D. NYDEGGER, Registration No. 28,651; DAVID O. SEELEY, Registration No. 30,148; JONATHAN W. RICHARDS, Registration No. 29,843; JOHN C.

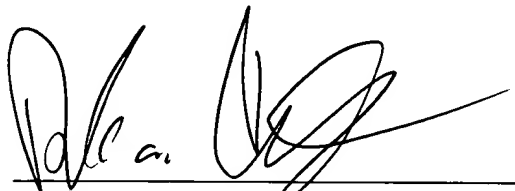
STRINGHAM, Registration No. P-40,831; MICHAEL F. KRIEGER, Registration No. 35,232; BRADLEY K. DeSANDRO, Registration No. 34,521; JOHN M. GUYNN, Registration No. 36,153; GREGORY M. TAYLOR, Registration No. 34,263; DANA L. TANGREN, Registration No. 37,246; ERIC L. MASCHOFF, Registration No. 36,596; KEVIN B. LAURENCE, Registration No. 38,219; SUSAN K. MORRIS, Registration No. 39,780; JEFFREY L. RANCK, Registration No. 38,590; C. J. VEVERKA, Registration No. P-40,858; JONATHAN D. WOOD, Registration No. 39,076; ROBYN L. PHILLIPS, Registration No. 39,330; DAVID B. DELLENBACH, Registration No. 39,166; TIMOTHY M. FARRELL, Registration No. 37,321; LENA I. VINITSKAYA, Registration No. 39,448; JOHN N. GREAVES, Registration No. 40,362; KEVIN K. JOHANSON, Registration No. 38,506; MICHAEL L. LYNCH, Registration No. 30,871; and LIA P. DENNISON, Registration No. 34,095, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. All correspondence and telephonic communications should be directed to:

BRADLEY K. DeSANDRO  
WORKMAN, NYDEGGER & SEELEY  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

Wherefore, we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the foregoing specification and claims, declaration, power of attorney, and this petition.

Signed at Boise, Idaho, this 8<sup>th</sup> day of August, 1997.

Inventor:



David A. Cathey  
3026 Bogus Basin Road  
Boise, Idaho 83702-0916

Signed at Boise, Idaho this 13 day of February, 1998.

Inventor:



Trung T. Doan  
1574 Shenandoah Drive  
Boise, Idaho 83712-6668

G:\DATA\WPDOCS\DF\MICRON\11675123.DEC

Rev. 7/96